

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3624	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/06/04 16:42
L2	39120	(bright\$5 light\$5 luminance intensi\$5) near6 ((block\$3 area group) near4 (image data pixel pel (picture adj1 element) (image adj1 information)))	US-PGPUB; USPAT	OR	ON	2007/06/04 12:34
L3	5041	(correlat\$3 relat\$4 connect\$3 correspond\$3 associat\$3 affiliat\$3 concern\$4) with L2	US-PGPUB; USPAT	OR	ON	2007/06/04 12:34
L4	13	L1 and L3	US-PGPUB; USPAT	OR	ON	2007/06/04 12:34
L6	25	(US-20060045306-\$ or US-20050114668-\$ or US-20050111027-\$ or US-20050114667-\$ or US-20030053653-\$ or US-20030142846-\$ or US-20060020802-\$ or US-20040030899-\$ or US-20030026453-\$ or US-20020080995-\$ or US-20040105569-\$ or US-20030128861-\$ or US-20030215112-\$ or US-20020126870-\$). did. or (US-6768807-\$ or US-6823455-\$ or US-6993151-\$ or US-6804379-\$ or US-6728408-\$ or US-6590996-\$ or US-6185312-\$ or US-6317115-\$ or US-5825892-\$ or US-6332194-\$ or US-6711276-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 14:49
L7	13	L6 and (detect\$4 near7 (function formula))	US-PGPUB; USPAT	OR	ON	2007/06/04 14:54
L8	1	(e\$1sup\$1i\$1k\$1r\$1) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/06/04 16:33
L11	1	(envelope adj1 function) and L6	US-PGPUB; USPAT	OR	ON	2007/06/04 16:34
L12	4	(envelope adj1 function) and watermark\$3	US-PGPUB; USPAT	OR	ON	2007/06/04 16:34
L13	2	((sinusoid envelope) near2 function) same (detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/06/04 16:44
L14	1	L6 and sinusoid	US-PGPUB; USPAT	OR	ON	2007/06/04 16:43

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L15	3035	envelope near2 function	US-PGPUB; USPAT	OR	ON	2007/06/04 16:46
L16	3	L15 and L1	US-PGPUB; USPAT	OR	ON	2007/06/04 16:45
L17	182	L15 and sinusoid	US-PGPUB; USPAT	OR	ON	2007/06/04 16:46
L18	1	L15 and sinusoid and (water\$1mark\$3 or steganograph\$2)	US-PGPUB; USPAT	OR	ON	2007/06/04 16:46
L19	14	envelope near2 function and (water\$1mark\$3 or steganograph\$2)	US-PGPUB; USPAT	OR	ON	2007/06/04 16:56
L20	2	(envelope near2 function) and (scott near1 rogers).xp,xa.	US-PGPUB; USPAT	OR	ON	2007/06/04 16:57
L21	0	(envelope near2 function) and (digimarc). as.	US-PGPUB; USPAT	OR	ON	2007/06/04 16:58
L22	2	(envelope same inverse) and (digimarc).as.	US-PGPUB; USPAT	OR	ON	2007/06/04 17:22
L23	1	("7065237").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/04 17:14
L24	10	("20010017709"   "20010030759"   "20020002679"   "20020061118"   "20040015363"   "20050013436"   "20050036613"   "6539106"   "6798893"   "6839673").PN. OR ("7065237").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/04 17:02
L25	9	L6 and (posta\$3 stamp)	US-PGPUB; USPAT	OR	ON	2007/06/04 17:06
L26	1	L23 and envelope	US-PGPUB; USPAT	OR	ON	2007/06/04 17:15
L27	16	(envelope same inverse) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/06/04 17:22
L28	22933	over\$1lap\$4 near5 (block tile segment)	US-PGPUB; USPAT	OR	ON	2007/06/04 17:30
L29	2086	over\$1lap\$4 near5 ((block tile segment) near3 (pixel pel (picture adj1 element) data))	US-PGPUB; USPAT	OR	ON	2007/06/04 17:31
L30	7	L28 and L6	US-PGPUB; USPAT	OR	ON	2007/06/04 17:31
L31	3	(US-20040105569-\$ or US-20030215112-\$).did. or (US-7065237-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 20:47
L33	1	L31 and (sinusoid sine)	US-PGPUB; USPAT	OR	ON	2007/06/04 20:47
L34	2	(lattice with sum with (odd even)) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/06/04 21:26
L35	1	(US-6332030-\$).did.	USPAT	OR	ON	2007/06/04 21:17
L36	1	L35 and lattice	USPAT	OR	ON	2007/06/04 21:17

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L37	1	(lattice with sum with odd) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/06/04 21:26
L39	6	(US-20060045306-\$ or US-20050114668-\$ or US-20040105569-\$ or US-20030215112-\$).did. or (US-7065237-\$ or US-6332030-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 22:01
L40	10	(US-20040030899-\$ or US-20030053653-\$ or US-20030026453-\$ or US-20020126870-\$).did. or (US-7065237-\$ or US-6993151-\$ or US-6823455-\$ or US-6804379-\$ or US-6728408-\$ or US-6185312-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 22:05
L41	1	(US-6711276-\$).did.	USPAT	OR	ON	2007/06/04 22:05
L42	11	(US-20040030899-\$ or US-20030053653-\$ or US-20030026453-\$ or US-20020126870-\$).did. or (US-7065237-\$ or US-6993151-\$ or US-6823455-\$ or US-6804379-\$ or US-6728408-\$ or US-6185312-\$).did. or (US-6711276-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 22:06
L43	10	(US-20040030899-\$ or US-20030053653-\$ or US-20030026453-\$ or US-20020126870-\$).did. or (US-6993151-\$ or US-6823455-\$ or US-6804379-\$ or US-6728408-\$ or US-6185312-\$).did. or (US-6711276-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 22:06
S1	179	((Robert near1 Cordery) (Claude near1 Zeller) (Bertrand near1 Haas)).in.	US-PGPUB; USPAT	OR	ON	2007/06/03 12:05
S2	3119	(Pitney near1 Bowes).as.	US-PGPUB; USPAT	OR	ON	2007/06/01 17:00
S3	3	(S1 S2) and (PIUE).clm.	US-PGPUB; USPAT	OR	ON	2007/06/01 17:01
S4	5	(S1 S2) and (water\$1mark\$3 and transform\$5).clm.	US-PGPUB; USPAT	OR	ON	2007/06/01 17:06
S6	3624	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/06/01 17:13
S7	373	(detector or detect\$4) near5 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 water\$1mark\$4) or ((data or information) near4 (hid\$4 or embed\$4)))	US-PGPUB; USPAT	OR	ON	2007/06/01 17:14
S8	341	(358/3.28).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/01 17:14
S9	2350	(382/100).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/01 17:15

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S11	1233	S9 and S6	US-PGPUB; USPAT	OR	ON	2007/06/01 17:15
S12	5	S8 and S7	US-PGPUB; USPAT	OR	ON	2007/06/01 17:15
S13	119	S9 and S7	US-PGPUB; USPAT	OR	ON	2007/06/01 17:15
S14	3	("5825892" "6317115" "6332194").PN.	US-PGPUB; USPAT	OR	ON	2007/06/02 12:50
S15	3624	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or identify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/06/02 17:36
S16	341	(358/3.28).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/02 17:36
S17	120	S16 and S15	US-PGPUB; USPAT	OR	ON	2007/06/02 17:36
S18	2408	(713/176).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/03 12:05
S19	179	((Robert near1 Cordery) (Claude near1 Zeller) (Bertrand near1 Haas)).in.	US-PGPUB; USPAT	OR	ON	2007/06/03 12:05
S20	3119	(Pitney near1 Bowes).as.	US-PGPUB; USPAT	OR	ON	2007/06/03 12:05
S21	3	(S19 S20) and (PIUE).clm.	US-PGPUB; USPAT	OR	ON	2007/06/03 12:08
S22	15	(S19 S20) and (water\$1mark\$3).clm.	US-PGPUB; USPAT	OR	ON	2007/06/03 12:06
S23	2	((("20050114668") or ("20050114667"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/03 12:10
S24	87982	((Fourier adj1 Transform\$5) (Fast adj1 Fourier adj2 Transform\$5) (Discrete adj1 Cosine adj2 Transform\$5) DCT (Inverse adj1 Fourier adj2 Transform\$5) (wave\$1let adj1 Transform\$5) ((F\$1T\$1 F\$1F\$1T\$1 I\$1F\$1T\$1 F\$1T\$1 D\$1C\$1) near1 (transform\$5)))	US-PGPUB; USPAT	OR	ON	2007/06/03 14:32
S25	88818	((Fourier adj1 Transform\$5) or (Fast adj1 Fourier adj2 Transform\$5) or (Discrete adj1 Cosine adj2 Transform\$5) or DCT (Inverse adj1 Fourier adj2 Transform\$5) or (wave\$1let adj1 Transform\$5) or (Discrete adj1 Fourier adj2 Transform\$5) or ((F\$1T\$1 F\$1F\$1T\$1 I\$1F\$1T\$1 F\$1T\$1 D\$1C\$1 D\$1F\$1) near1 (transform\$5)))	US-PGPUB; USPAT	OR	ON	2007/06/03 14:40
S26	3	((("20030053653") or ("20010040979") or ("6385329"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/03 14:43
S27	3	("2003/0053653").URPN.	USPAT	OR	ON	2007/06/03 14:44

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S28	3624	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/06/03 15:51
S29	735	S28 same (transform\$5)	US-PGPUB; USPAT	OR	ON	2007/06/03 15:24
S30	265	S28 same (transform\$5) same (block\$3 window group area cluster)	US-PGPUB; USPAT	OR	ON	2007/06/03 15:24
S31	21	S28 same (transform\$5) same (block\$3 window group area cluster) same (bright\$1ness light\$1ness luminance light\$3 intensity)	US-PGPUB; USPAT	OR	ON	2007/06/03 15:47
S32	2	("6069914"   "6823455").PN. OR ("6993151").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/03 15:34
S33	14	("5768426"   "5905800"   "5949885"   "5960081"   "6272634").PN. OR ("6823455").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/03 15:37
S34	757	S28 and S18	US-PGPUB; USPAT	OR	ON	2007/06/03 15:47
S35	341	(358/3.28).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/03 15:46
S36	120	S28 and S35	US-PGPUB; USPAT	OR	ON	2007/06/03 15:47
S37	2350	(382/100).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/03 15:47
S38	1233	S28 and S37	US-PGPUB; USPAT	OR	ON	2007/06/03 15:47
S39	5	S28 same (transform\$5) same (block\$3) same (bright\$1ness light\$4 intensity)	US-PGPUB; USPAT	OR	ON	2007/06/03 15:48
S40	0	("2006/0045306").URPN.	USPAT	OR	ON	2007/06/03 15:49
S41	15	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2)) same ((correlat\$3 relat\$4 connect\$3 correspond\$3 associat\$3 affiliat\$3 concern\$4) near5 ((bright\$5 light\$5 luminance intensiy) near3 (image data pixel pel (picture adj1 element) (image adj1 information))))	US-PGPUB; USPAT	OR	ON	2007/06/03 15:58

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S42	199	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2)) and ((block\$3 area group) near5 ((bright\$5 light\$5 luminance intensiy) near3 (image data pixel pel (picture adj1 element) (image adj1 information))))	US-PGPUB; USPAT	OR	ON	2007/06/03 16:00
S43	66	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2)) and ((block\$3 area group) near5 ((bright\$5 light\$5 luminance intensiy) near3 (image data pixel pel (picture adj1 element) (image adj1 information)))) and ((detect\$4 determin\$5) near3 function)	US-PGPUB; USPAT	OR	ON	2007/06/03 16:22
S44	34	("20030028497"   "3136424"   "3995741"   "4117975"   "4637051"   "4800505"   "5051914"   "5075862"   "5098130"   "5190210"   "5267754"   "5429249"   "5513563"   "5535279"   "5539190"   "5635694"   "5666284"   "5666421"   "5712916"   "5717597"   "5778076"   "5917925"   "5953426"   "6029883"   "6081827"   "6104812"   "6188996"   "6289323"   "6321992"   "6330672").PN. OR ("6804379").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/03 16:21
S45	37	((detect\$4 determin\$5) near3 function) with (i and k and r)	US-PGPUB; USPAT	OR	ON	2007/06/03 16:22
S46	9	((detect\$4 determin\$5) near3 function) with (e and i and k and r)	US-PGPUB; USPAT	OR	ON	2007/06/03 16:23
S47	0	((detect\$4 determin\$5) near3 function) with (Hankel adj1 transform\$5)	US-PGPUB; USPAT	OR	ON	2007/06/03 16:23
S48	3	((detect\$4 determin\$5) near3 function) same (Hankel adj1 transform\$5)	US-PGPUB; USPAT	OR	ON	2007/06/03 16:23